

# Productivity of *Polytrichum juniperinum* Hedw. in forest ecosystem of Tatarstan

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## Abstract

© Published under licence by IOP Publishing Ltd. The values of linear and phytomass increments for the period May - October 2016 in forests of Tatarstan (central part of European Russia) are studied. The average values of increments for *Polytrichum juniperinum* Hedw. are provided. The relation between habitat characteristics and the productivity of *Polytrichum juniperinum* is discussed.

<http://dx.doi.org/10.1088/1755-1315/107/1/012092>

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## References

- [1] Goncharova I A and Benkov A V 2015 *Sibirskiy lesnoy zhurnal* 6 61
- [2] Yermolayeva O V and Shmakova N Y 2016 *Uchenyye zapiski Petrozavodskogo gosudarstvennogo universiteta, obshchaya biologiya* 8 40-45
- [3] Kostina M V, Safronova G A and Agapov P A 2013 *Arctoa* 22 22
- [4] Kostina M V and Safronova G A 2012 *Botanicheskiy zhurnal* (Moskva: KMK) 88-100
- [5] Grabovik S I and Nazarova L E 2013 *Arctoa* 22 26
- [6] Ermolaeva O V, Shmakova N Y and Lukyanova L M *Arctoa* 22 14
- [7] Kostina M V, Safronova G A and Barabanshchikova N S 2016 *Bull. MOIP* 121 53-64
- [8] Schwinning S 1993 *Bull. Ecol. Soc. Amer. Program and Abstracts* 78th Ann. ESA Meeting 74 432
- [9] Rincón E and Grime J P 1989 *J. Ecol.* 77 455
- [10] Glime J M 2012 *Bryophyte Ecology* (Electronic Book Vol 1)
- [11] Stark L R, McLetchie D N and Mishler B D 2001 *Plant Ecol.* 157 196
- [12] Stark L R 2002 *Bryologist* 105 218
- [13] R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria - ref-separator -
- [14] Oksanen J et al 2012 *vegan: Community Ecology Package*. R package version 2.0